Neogen 4.1-32

Appl. No. 09/887,703

Amdt. dated April 22, 2005

Reply to Office communication of April 05, 2005

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and

listings, of claims in the application:

LISTING OF CLAIMS

1. (Currently Amended): A sampling/analysis member which is

used to assay for an analyte of interest in a sample

comprising:

(a) a sampling wand having a sampling swab for

collecting the sample of the analyte of interest and a

sealing ring means around the wand adjacent to the swab; and

(b) an analysis structure for receiving the sample of

the analyte of interest rinsed from the sampling swab and for

retaining the analyte for the relatively rapid detection of

the presence of the analyte of interest in the sample, the

analysis structure comprising a chamber having a proximal end

into which the sampling wand is inserted to make a sealing

fit with the sealing means as the wand moves through the

chamber towards a distal end of the structure, the chamber

further having a moveable open base with an integral member

which projects towards the swab provided intermediate to the

proximal and distal end of the analysis structure against

which the sampling swab advances to remove the sample from

the swab such that the sample passes through the open base

-2-

Neogen 4.1-32

Appl. No. 09/887,703 Amdt. dated April 22, 2005

Reply to Office communication of April 05, 2005

and collects within a cavity at a distal end of the analysis

structure in a reaction well having a reagent disc comprising

a porous, non-fibrous absorbent polymeric material onto which

a reactant system has been loaded by contacting a solution of

the reactant system in a solvent with the polymeric material

and removing the solvent from the polymeric material, the

disc receiving the sample of the analyte of interest

collected from the sampling swab and retaining the analyte

for the relatively rapid detection of the presence of the

analyte of interest in the sample.

2. (Previously Presented): The sampling/analysis member of

Claim 1, wherein the polymeric material has a density of from

about 0.05 g/cc to about 0.1 g/cc, and an average pore size

of from about 0.2 mm to about 1 mm, a pore size range of from

about 0.004 to about 1.2 mm, and an absorptive capacity of

from about 5 g water/g of polymeric material to about 15 q

water/g or polymeric material.

3. (Previously Presented): The sampling/analysis member of

Claim 1, wherein the polymeric material is selected from the

group consisting of polyvinyl alcohol and polyvinyl acetal.

Claims 4-5 (Cancelled).

-3-

Neogen 4.1-32 Appl. No. 09/887,703 Amdt. dated April 22, 2005 Reply to Office communication of April 05, 2005

6.(Previously Presented): The sampling/analysis member of Claim 3, wherein the polymeric material has a cylindrical shape.

7. (Previously Presented): The sampling/analysis member of Claim 6, wherein the polymeric material has a height which is less than a diameter.

Claims 8-9. (Cancelled).

10. (Previously Presented): The sampling/analysis member of Claim 1, wherein the polymeric material has a density of about 0.05 g/cc; an average pore size of from 0.9 to 1 mm; a pore size range of about 0.2 mm to about 1.2 mm; and an absorptive capacity of approximately 15 g of water/g of polymeric material.

Claim 11. (Cancelled)

12. (Previously Presented): The sampling/analysis member of Claim 1, wherein the solvent has been removed from the polymeric material by a method selected from the group consisting of evaporation, sublimation, freeze-drying or lyophilization.

Neogen 4.1-32

Appl. No. 09/887,703 Amdt. dated April 22, 2005 Reply to Office communication of April 05, 2005

13. (Currently Amended): The sampling/analysis member of Claim

1, wherein the reactant system is capable of undergoing a

reaction with adenosine triphosphate (ATP) to generate

chemiluminescence as a product of the reaction has been

loaded onto the reagent disc.

14. (Previously Presented): The sampling/analysis member of

Claim 1, wherein the reactant system comprising

luciferase/luciferin system has been loaded onto the reagent

disc.

Claim 15 and 16. (Cancelled)

-5-